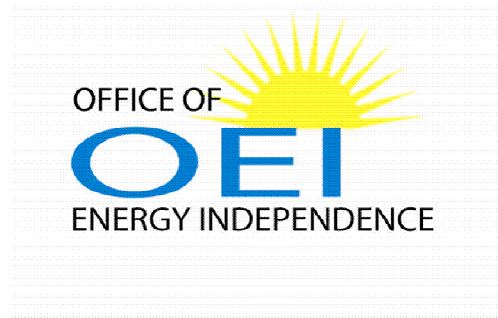


## Wisconsin Office of Energy Independence



### Energy-Related Recovery Program UPDATE # 42

July 4, 2010



Full Announcement - Small Business Innovation Research Program – Phase I  
Fiscal Year 2011

Phase I Closing Date: September 2, 2010

Phase I Funding: \$100,000, 8 month research effort (proving the scientific or technical feasibility of the idea/concept).

Phase II Funding: \$500,000, 24 month research and development effort.

To download the solicitation, visit: [http://www.csrees.usda.gov/funding/rfas/sbir\\_rfa.html](http://www.csrees.usda.gov/funding/rfas/sbir_rfa.html)

The USDA National Institute of Food and Agriculture (NIFA) has identified five primary societal challenge areas and proposals are strongly encouraged that address one or more of these societal challenge areas. The five areas are:

- 1) Global Food Security and Hunger;
- 2) Climate Change;
- 3) Sustainable Bioenergy;
- 4) Childhood Obesity, and
- 5) Food Safety.

Additionally, USDA NIFA accepts research proposals in the following technology areas:

8.1 Forests and Related Resources

[8.2 Plant Production and Protection - Biology 54](#)

[8.3 Animal Production and Protection 56](#)

[8.4 Air, Water and Soils 58](#)

[8.5 Food Science and Nutrition 60](#)

[8.6 Rural Development 62](#)

<a href="#">8.7 Aquaculture</a>	64
<a href="#">8.8 Biofuels and Biobased Products</a>	66
<a href="#">8.12 Small and Mid-Size Farms</a>	68
<a href="#">8.13 Plant Production and Protection - Engineering</a>	70

Wisconsin Entrepreneurs' Network (WEN) can help you with all aspects of your Phase I proposal from writing the proposal, drafting the budget, forming research teams and a lot more. WEN has years of proven knowledge, experience and relationships to improve your chances of success in the SBIR program. Contact us to learn more about our capabilities and our Technology Assistance Grant program.

Pat Dillon  
W: 715-836-5056

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**IMPORTANT:** For first-time recipients of this update:

Please view this site for general information about energy stimulus programs:  
<http://energyindependence.wi.gov/section.asp?linkid=1563&locid=160>

**PLEASE CHECK OUR ARCHIVES:**

Please view this site for past updates and archived attachments about important stimulus program information:  
<http://energyindependence.wi.gov/category.asp?linkcatid=3114&linkid=1563&locid=160>

Please Read the "Redmond Report" (below) for a CURRENT listing and description of federal grant opportunities.

Comprehensive summary of Financial Assistance for Renewable Energy Projects:

See *The Redmond Report* for Current Federal/Other Energy Financial Assistance Opportunities:  
<http://energyindependence.wi.gov/docview.asp?docid=12683&locid=160>

For more information about financing your renewable energy project please go to the Office of Energy Independence website:

<http://energyindependence.wi.gov/docview.asp?docid=14070&locid=160>

and click on "funding" in the main menu.

To Search ALL Recovery Act programs for Wisconsin, please check the website of the Wisconsin Office of Recovery and Reinvestment

<http://recovery.wisconsin.gov/Index.asp>

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## UPDATED REDMOND REPORT

Dear Colleagues,

Here is a current list of funding opportunities for potential Clean Energy Projects. All of this information is also posted [here](#) on our web site. Feel free to pass along this information to your colleagues. The attached Excel file breaks down the federal funding opportunities by topic/opportunity, federal agency, due date, general eligibility, total amount available, award floor, award ceiling, awards expected, and cost share requirement. Hopefully you'll find this document useful as you sort through all the funding opportunities currently out there.

As always, please let us know if you intend to apply or need assistance accessing the FOA.

## WISCONSIN OPPORTUNITIES

**Clean Water Fund Program (including Hardship Financial Assistance and Small Loans) – Responses due June 30, 2010 for hardship projects, no due date of other projects**

The Clean Water Fund Program (CWFP) is one of the subsidized loan programs included in the Environmental Improvement Fund (EIF). The CWFP provides loans to municipalities for wastewater treatment and urban storm water projects. Most CWFP projects receive a subsidized [interest rate](#) of 55%, 65%, or 70% of the EIF market interest rate. CWFP wastewater projects that meet certain criteria may be eligible to receive [Hardship Financial Assistance](#), which may be in the form of a lower interest rate loan or include a grant. Municipalities constructing wastewater projects with a total project cost of less than \$1,000,000 may be interested in the [Small Loan](#) portion of the CWFP. [More Information](#)

## ONGOING

**Recovery Act – Clean Energy Business Loan Program - Wisconsin State Energy Program (SEP) Funding**

Wisconsin will strategically deploy \$55 million in SEP-ARRA funds to support clean energy business development. Governor Doyle has directed that projects funded from SEP-ARRA dollars are both effective and enduring. Creation of jobs in the short term is the immediate goal of SEP-ARRA; but, in addition, the program goals are to invest in projects that will ensure not only short-term job creation, but development of businesses that will create clean energy jobs for decades. Manufacturing is a critical industry in Wisconsin, which leads the U.S. in percentage of non-farm employment. A key objective with SEP-ARRA funds is to leverage private sector investment. [More Information](#)

**Wisconsin Department of Tourism – Joint Effort Marketing (JEM) Grant Program**

For nearly 20 years now, the Department of Tourism has been giving grants to keep Wisconsin's tourism industry strong and growing. These days, Joint Effort Marketing Grants top

out at \$1.13 million annually. To be funded, projects must show they'll generate an increase in the number of visitors and dollars brought into the local area. Find out if your promotion falls into one of these categories: Destination marketing, New Event, Sale Promotion, Existing Event, and one-time, one-of-a-kind. Eligible Expenses include things like e-mail marketing, print and broadcast ads, direct mail, publicity, and billboards. [More Information](#)

**Diesel Truck Idling Reduction Grant Program –Opportunity Opened March 11, 2010,**  
*accepting applications until further notice*

The Wisconsin Department of Commerce - Wisconsin Diesel Truck Idling Reduction Grant Program is designed to assist common, contract and private motor carriers in the purchase and installation of idling reduction technology. Motor carriers are eligible for 50% reimbursement for the purchase and installation of idling reduction equipment. The program's primary goals are to help Wisconsin motor carriers reduce air pollution emissions and fuel consumption. [More information](#)

**Retrofit Projects -- First-come, First-served basis**

The Wisconsin Department of Natural Resources has federal grant funds available for diesel retrofit projects done in the state's eastern ozone non-attainment counties which include: Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha. On-road and non-road municipal vehicles are eligible, as well as private or public-owned school buses and other non-road equipment, but all vehicles must use EPA or CARB verified technologies and remain in the fleet for at least 5 years after being retrofitted. Funds are limited and being provided on a first-come, first-served basis, with priority given to school buses. DNR will require applicant to supply a list of eligible vehicles including each vehicle's model years; VIN; chassis make/model; engine model and size; horsepower; chassis/engine configuration and passenger capacity if a school bus; and type of retrofit desired (idling reduction devices not eligible). More Information contact Jessica Lawent, (414) 263-8653, [jessica.lawent@wisconsin.gov](mailto:jessica.lawent@wisconsin.gov).

**WPPI Energy - Electric Vehicle Incentive Program**

WPPI Energy provides incentives to members to offset the cost of purchasing certain types of electric and hybrid electric vehicles as well as plug-in hybrid electric utility line trucks and for converting standard hybrid electric vehicles to plug-in hybrid electric vehicles. Incentives may be awarded to the member municipality for qualifying vehicles purchased for use by any city or village department. For more information contact (608) 834 – 4500 or [www.wppienergy.org](http://www.wppienergy.org).

**We Energies 2009 Renewable Research & Development Grant Program**

We Energies offers grants under its Renewable Energy Research and Development (R&D) Grant Program

to its business and not-for-profit electric customers as well as to organizations teamed with We Energies business and not-for-profit electric customers. This program offers financial assistance in the form of a grant (up to \$200,000) to conduct research on renewable energy technologies, or to help demonstrate a renewable energy product or technology. Please click on the following link for more details about the program. [More Information](#) or contact [Amy.Flom@we-energies.com](mailto:Amy.Flom@we-energies.com). [More information](#) about We Energies programs.

**Alliant Energy Charitable Foundation - Four Grant Cycles Each Year**

Community Grants are directed to projects, programs and initiatives that benefit the residents and communities in the four Midwestern states served by Alliant Energy's utility subsidiaries, Interstate Power and Light Co. and Wisconsin Power and Light Co. We help protect the

environment by supporting organizations that seek to educate, inform and advance environmental issues that have the potential to impact our communities. [More Information](#)

### **Rural Business Enterprise Grants**

The US Department of Agriculture offers Rural Business Enterprise Grants for financing and developing small and emerging private businesses with less than \$1 million in revenues, and which will have fewer than 50 new employees. There is no maximum dollar limit for any one project. Funds can be used for technical assistance, revolving loan program, incubator/industrial buildings, and industrial park improvements. [More Information](#)

### **Rural Development - Renewable Energy & Energy Efficiency Program**

The US Department of Agriculture offers funding for the Installation of energy efficient equipment and improvements to a facility, building, or process or that reduces energy consumption and Purchase and installation of a system that produces or produces and delivers usable energy derived from wind, solar, biomass, geothermal, or hydrogen derived from these sources. [More Information](#)

### **Sustainable Agriculture Research and Education Grants**

The US Department of Agriculture offers funding for research, marketing and demonstration projects. [More Information](#)

### **Got Moola**

The WI Department of Agriculture, Trade and Consumer Protection has a tool to help small businesses develop and grow their value-added business using money, information, and technical assistance from outside their organization. [More Information](#)

### **Focus on Energy - Incentives and Grants**

Wisconsin's Focus on Energy offers a number of programs for you to help defray the costs of your renewable energy project. There are different financial incentives available for [individuals](#) and [businesses](#). See the appropriate incentives for your needs. [More Information](#)

### **We Energies**

We Energies offers additional resources for energy efficiency and renewable energy. [More Information](#)

### **Wisconsin Entrepreneurs' Network**

Wisconsin Entrepreneurs network (WEN) can help you with funding and growth opportunities; commercial viability of technologies and products; strategic business and marketing plans and federal research and development funding sources. WEN provides seamless access to the statewide network of entrepreneurial resources and expertise to create new ventures; help grow existing business; and move forward high potential entrepreneurs to enable Wisconsin to be competitive in a global economic environment. WEN is an initiative of the Governor's Grow Wisconsin Plan and ACT 255. [More Information](#)

### **Financial Resource Guide for Cleanup and Redevelopment**

The new, updated version of the Financial Resource Guide for Cleanup and Redevelopment is now available. This publication provides informative summaries on more than 60 grants, loans, tax incentives and reimbursement programs, and includes a quick reference chart, how-to guide and additional web sites to help readers fund their brownfield redevelopment projects. [More Information](#)

## **Wisconsin Financial Incentives for the Production of Clean Energy**

A comprehensive guide to Wisconsin financial incentives for clean energy projects. [More Information](#)

## **Wisconsin Energy Efficiency Improvement Loans - Property Tax Financing Authorization**

Property tax financing" allow property owners to borrow money to pay for energy improvements. The amount borrowed is repaid through an increased property tax assessment over a period of years. Wisconsin enacted legislation in May 2009 that redefined how local governments may assess taxes and charge for services. Local governments may offer property tax financing for renewable energy and energy-efficiency projects proposed by property owners. Eligible projects and repayment terms are determined by participating local governments. Contact your local government to find out if financing is available for renewable energy and/or energy efficiency through special property tax assessments. [More Information](#)

## **Database of State Incentives for Renewable Energy**

A comprehensive source of information on state, local, utility, and federal incentives that promote renewable energy and energy efficiency. [More Information](#)

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## **DERAL OPPORTUNITIES**

### **Federal Grant Opportunities**

Grants.gov is the single access point for over 1,000 grant programs offered by all Federal grant making agencies. Grants.gov allows organizations to electronically find and apply for more than \$400 billion in Federal grants. [More Information](#)

### **Online Tool Available to Help Grant Seekers Find Partners**

On January 7, 2010, the Commerce Department's National Telecommunications and Information Administration (NTIA) and the USDA's Rural Utilities Service (RUS) announced the launch of BroadbandMatch, a new online tool to facilitate partnerships among prospective applicants to the agencies broadband grant and loan programs. [More Information](#)

## **Agriculture**

**\*\*NEW\*\* Agriculture and Food Research Initiative - Foundational Programs - Responses due July 14, 2010**

The U.S. Department of Agriculture requests proposals for Agriculture and Food Research Initiative – Foundational Programs. The Foundation Programs support research, education, and extension as well integrated programs that address key problems of national, regional, and multi-state importance in sustaining all components of agriculture, including farm efficiency and profitability, ranching, renewable energy, forestry (both urban and agroforestry), aquaculture, rural communities and entrepreneurship, human nutrition, food safety, biotechnology, and conventional breeding. Agriculture Systems and Technology - Prosperity of Small and Medium-Sized Farms and Rural Communities: \$7 million expected to be available, individual awards NTE \$400K. [More Information](#)

**\*\*NEW\*\* Agriculture and Food Research Initiative - Climate Change – Responses Due July 16, 2010**

The Agriculture and Food Research Initiative (AFRI) supports work in six priority areas: plant health and production and plant products; animal health and production and animal products; food safety, nutrition, and health; renewable energy, natural resources, and environment; agriculture systems and technology; and agriculture economics and rural communities. In FY 2010, AFRI is soliciting applications through seven Requests for Applications (RFA). One RFA calls for research projects addressing the above six priority areas. Additional RFAs further address AFRI priority areas in five societal challenge areas. The five challenge area RFAs are: Childhood Obesity Prevention; Climate Change; Food Safety; Global Food Security; and Sustainable Bioenergy. [More Information](#)

**\*\*NEW\*\* Agriculture and Food Research Initiative - Sustainable Bioenergy - Letters of Intent due July 9, 2010, final proposals due September 15, 2010**

The U.S. Department of Agriculture requests proposals for the Agriculture and Food Research Initiative (AFRI) – Sustainable Bioenergy. This program will support projects that target the development of regional systems for the sustainable production of bioenergy and biobased products that: contribute significantly to reducing dependence on foreign oil; have net positive social, environmental, and rural economic impacts; and are compatible with existing agricultural systems. Regional Approaches to Sustainable Bioenergy: Individual grants NTE \$45 million, up to 5 awards anticipated. [More Information](#)

## **BIOFUELS**

**\*\*NEW\*\* Upgrading of Biomass Fast Pyrolysis Oil (Bio-oil) - Responses due July 9, 2010**

This funding opportunity announcement (FOA) is requesting applications to develop integrated upgrading processes of bio-oil at the bench scale that:

- Demonstrate the capability of long term processing to address the corrosivity issues associated with stabilized bio-oil;
- Catalytically de-oxygenate the many molecular fragments that collectively comprise bio-oil;
- Demonstrate the ability to produce a final liquid transportation hydrocarbon fuel that can be blended at up to 30% by weight with ASTM petroleum fuels OR produce an upgraded bio-oil compatible with existing petroleum refining unit operations; and
- Provide extensive supporting data on the physical and chemical property requirements of the petroleum operations to demonstrate the compatibility of the resulting liquid hydrocarbon product with petroleum refining unit operations.

[More Information](#)

**\*\*NEW\*\* Sustainable Bioenergy Feedstock Production Systems - Responses due July 16, 2010**

Development of Methodologies for Determining Preferred Landscape Designs for Sustainable Bioenergy Feedstock Production Systems at a Watershed Scale Dramatic expansion of the domestic biofuels industry is needed to meet the requirements of the Energy Independence and Security Act of 2007 (EISA) Renewable Fuels Standard (RFS2; i.e., 36 billion gallons per year of biofuels from domestically produced feedstocks by 2022, including 21 billion gallons per year of advanced biofuels from cellulosic feedstocks). [More Information](#)

## **BIOMASS**

**\*\*NEW\*\* Biomass Research and Development Initiative - Responses due July 13, 2010**



USDA and DOE are issuing this joint funding announcement for several types of projects aimed at increasing the availability of alternative renewable fuels and biobased products. The projects will aim to create a diverse group of economically and environmentally sustainable sources of renewable biomass. Advanced biofuels produced from these projects are expected to reduce greenhouse gas emissions by a minimum of 50 percent, as determined by the Environmental Protection Agency. [More Information](#)

#### **Biotechnology, Biochemical, and Biomass Engineering - Responses due September 23, 2010**

The National Science Foundation requests proposals for Biotechnology, Biochemical, and Biomass Engineering. This program addresses fundamental problems involved in the processing and manufacturing of products of economic importance by effectively utilizing renewable resources of biological origin and bioinformatics originating from genomic and proteomic information. [More Information](#)

### **CARBON SEQUESTRATION AND STORAGE**

#### **\*\*NEW\*\* Unconventional Fossil Energy - Responses due July 29, 2010**

Unconventional Fossil Energy Funding Opportunity Announcement The intent of this Department of Energy (DOE), National Energy Technology Laboratory (NETL) funding opportunity announcement (FOA) is to select and award projects in FY10 that focus on (1) advanced simulation and visualization capabilities to enhance production and minimize environmental impacts associated with the development of domestic unconventional resources and (2) advanced, next-generation carbon dioxide enhanced oil recovery (CO<sub>2</sub>-EOR). The objective of this FOA is to fund research that results in proof-of-concept and technology ready for field and/or commercial application. The program is seeking to add multiple (6-11) projects to its portfolio as a result of this FOA. [More Information](#)

### **COMMUNITIES**

#### **\*\*NEW\*\* Local Climate and Energy Program – “Climate Showcase Communities” - Responses due July 26, 2010**

EPA is announcing the availability of up to \$10 million in "Climate Showcase Communities" grants for local and tribal governments to establish and implement climate change initiatives. The agency expects to award a total of 20-30 cooperative agreements ranging from ~\$100,000 to \$500,000 each. EPA requests proposals which create replicable models of sustainable community action, generate cost-effective and persistent greenhouse gas reductions, and improve the environmental, economic, public health, or social conditions in a community. [More Information](#)

### **COMPETITIVE**

#### **\*\*NEW\*\* Renewable Energy Certificates - Responses due July 7, 2010**

The Defense Logistics Agency seeks 320,604,000 kWh of Renewable Energy Certificates, for ultimate transfer to the U.S. Air Force and various Federal Civilian customers. [More Information](#)

### **ENERGY ASSURANCE**

#### **\*\*NEW\*\* Innovation for Increasing CyberSecurity for Energy - Responses due July 12, 2010**



The objective of this FOA is to perform research, development, and demonstrations of technologies that will enhance the cyber security of communication and control systems of the U.S. energy infrastructure. This includes electricity generation, transmission, distribution as well as the production, refining, storage, and distribution of oil and gas in accordance with DOE's energy infrastructure role defined in Homeland Security Presidential Directive (HSPD) 7. This also includes tools to assist in the compliance with North American Electric Reliability Corporation-Critical Infrastructure Protection (NERC-CIP) requirements for cyber security. This research is expected to complement and enhance the development and implementation of key milestones and objectives called for in the Roadmap to Secure Control Systems in the Energy Sector (<http://www.oe.energy.gov/csroadmap.htm>). In a step toward attaining this vision, NETL requests applications that address one or more of the topic area(s). Solutions should be interoperable, scalable, cost-effective advanced technologies and processes that implement common methods and best practices and should include a strategy for commercializing/implementing the solutions throughout the energy sector. [More Information](#)

## **ENERGY EFFICIENCY**

### **Food Service Equipment Grants - Ongoing**

USDA announced the availability of \$25M in equipment grants to help schools operating a National School Lunch Program (NSLP) replace outdated equipment with new energy-efficient appliances such as refrigerators, ovens, and other food service related equipment. Eligible school food authorities are those that participate in the NSLP and did not receive an ARRA grant for NSLP equipment assistance. State Educational Authorities received allocations from USDA and are to award grants on a competitive basis no later than 180 days after receiving their grant allocation. Procurement and expenditures must be completed no later than one year after grant receipt. [More Information](#)

## **ENVIRONMENTAL**

### **\*\*NEW\*\* Innovation Ecosystem Development Initiative - Responses due July 9, 2010**

To create or enhance an environment to accelerate the movement of innovative energy technologies to the market. [More Information](#)

### **\*\*NEW\*\* Energy Technologies to the Market - Responses due July 9, 2010**

Responses The U.S. Department of Energy requests proposals for Innovation Ecosystem Development Initiative. This RFP will support projects that create or enhance an environment to accelerate the movement of innovative energy technologies to the market. \$2.1 million expected to be available, 2 awards anticipated. [More Information](#)

### **\*\*NEW\*\* Computational Toxicology: Biologically-Based Multi-Scale Modeling - Responses due July 15, 2010**

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications for research in developing quantitative, dose-response models to elucidate the associations between environmental agents and toxicity pathways across multiple scales of biological organization. Additionally, this solicitation calls for research into ways in which the data underlying these models can be managed and shared for easier access, interpretation and use by the broader community of researchers and risk assessors. [More Information](#)

**Environmental Implications of Emerging Technologies - Responses due September 23, 2010**

The National Science Foundation requests proposals for Environmental Implications of Emerging Technologies. This program provides support to develop and test the environmental effects of new technologies. The program also supports research on the development and refinement of sensors and sensor network technologies. [More Information](#)

**Environmental Sustainability - Responses due September 23, 2010**

The National Science Foundation requests proposals for Environmental Sustainability. This program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are also compatible with sustaining natural systems. Research in Environmental Sustainability typically considers long time horizons and may incorporate contributions from the social sciences and ethics. [More Information](#)

**Environmental Engineering - Responses Due September 23, 2010**

The National Science Foundation requests proposals for Environmental Engineering. The goal of this program is to encourage transformative research which applies scientific principles to minimize solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity, and to evaluate adverse impacts of these discharges on human health and environmental quality. [More Information](#)

**Recovery Act - Environmental Internships -**

*Accepted through September 30, 2010*

The United States Fish and Wildlife Service (USFWS) is an environmental Federal Agency with offices throughout the United States. Through on-site activities located at a variety of field stations, including wildlife refuges, fish hatcheries, and ecological services offices, individuals or groups will be introduced to natural resource careers through “hands-on” work with, and training by, natural resource professionals employed by the USFWS. [More information](#)

**FORMULA (DESIGNATED RECIPIENT)**

**Program Year 2010 Weatherization Formula Grants - Responses due dependant on prime applicant, with range of February 15 – August 1, 2010**

The U.S. Department of Energy requests proposals for Weatherization Formula Grants. Prime applicant restricted to agencies responsible for administering the annual Weatherization Assistance Program (WAP) formula allocation. WAP funds are used to increase the energy efficiency of dwellings owned or occupied by low-income persons, reduce their total residential expenditures, and improve their health and safety. \$210 million expected to be available, 59 awards anticipated. [More Information](#)

**2010 State Energy Program - Responses due August 1, 2010**

DOE's State Energy Program (SEP) is seeking to provide grants to state energy offices in all states and U.S. territories to design and carry out their own renewable energy and energy efficiency programs. States use grants to address their energy priorities and program funding to adopt emerging renewable energy and energy efficiency technologies. States often combine many sources of funding for their projects, including DOE and private industry. The outcome is an innovative deployment of new energy efficiency and renewable energy technologies across the geographic panorama of the United States and its territories. The mission of the State Energy Program is to provide leadership to maximize the benefits of energy efficiency and

renewable energy through communications and outreach activities, technology deployment, and accessing new partnerships and resources. [More Information](#)

## **FUEL CELLS**

### **Request for Information on Portable Power Fuel Cell Targets - Responses due June 30, 2010**

The U.S. Department of Energy (DOE) Fuel Cell Technologies Program has issued a Request for Information (RFI) seeking input from stakeholders and the research community on proposed technical and cost targets for fuel cells designed for portable power applications. [More Information](#)

## **GEOHERMAL**

### **\*\*NEW\*\* Geothermal Energy Production from (A) Low-Temperature Resources, (B) Coproduced Fluids, and (C) Geopressed Resources - Responses due July 9, 2010**

The U.S. Department of Energy requests proposals for Geothermal Energy Production. Through this RFP, DOE seeks to evaluate the feasibility of and demonstrate energy production from nonconventional geothermal resources in an innovative manner. Areas of interest include: Low-Temperature Resources, Coproduced Fluids, and Geopressed Resources. \$20 million expected to be available, up to 25 awards anticipated. [More Information](#)

## **GREEN JOBS/TRAINING/ECONOMIC DEVELOPMENT**

### **Recovery Act - Economic Development Administration Funding – Proposal Accepted through June 30, 2010**

Under this federal funding opportunity (FFO) announcement, EDA is soliciting applications for the EDA American Recovery Program under the auspices of PWEDA. Specifically, the FFO pertains to applications for funding under EDA's Public Works and Economic Adjustment Assistance programs only. Under the EDA American Recovery Program, EDA will help restore, replace and expand economic activity in regions that have experienced sudden and severe economic dislocation and job loss due to corporate restructuring, and prioritize projects that will diversify the economic base and lead to a stronger, more globally competitive and resilient regional economy. [More Information](#)

### **\*\*NEW\*\* Brownfields Economic Development Initiative (BEDI) – Responses due July 6, 2010**

The purpose of the Brownfields Economic Development Initiative program is to enhance the security of loans guaranteed by HUD under Section 108 of the Housing and Community Development Act of 1974, as amended, for the same brownfields economic development project, or to improve the viability of a brownfields economic development project financed with the Section 108-guaranteed loan, in order to stimulate economic development by local governments and private sector parties at brownfields sites and to return those sites to productive, economic use.

[More Information](#)

### **\*\*NEW\*\* National Environmental Education Training Program – Responses due July 6, 2010**

The purpose of this notice is to invite eligible institutions to submit applications to operate the National Environmental Education Training Program (referred to as the "National Training Program") as authorized under Section 5 of the National Environmental Education Act of 1990 (the Act) (P.L. 101-619). [More Information](#)

**\*\*NEW\*\* State Biosolids Coordinator's and Stakeholder's Technology and Management Workshop**— *Responses due July 12, 2010*

The U.S. Environmental Protection Agency (EPA) is soliciting applications from eligible applicants to plan, prepare, and conduct a training workshop for State Biosolids Coordinators and other interested stakeholders. Participation by States Agencies is critical to the achievement of workshop goals. Funds awarded under this announcement may be used by the recipient to promote participation and support the travel expenses of non-Federal personnel to attend the workshop. This project will benefit state biosolid program coordinators, and potentially other interested stakeholders. Other stakeholders may be local, territorial, or tribal governments, regional organizations, or utilities. [More Information](#)

**\*\*NEW\*\* Program for Investment In Microentrepreneurs Act ("PRIME") Grant** – *Responses due July 15, 2010*

The U.S. Small Business Administration (SBA) has issued Program Announcement No.PRIME-2010-01 to provide training and capacity building grant programs to microenterprise development organizations ("MDOs"). Additionally, the Act authorizes research and development of best practices for microenterprise development and technical assistance programs for disadvantaged entrepreneurs and other activities as the administrator of SBA determines are consistent with the Act. [More Information](#)

**\*\*NEW\*\* National Institute of Food and Agriculture Small Business Innovation Research Program (SBIR) Phase I Commercialization Assistance Program (CAP)** – *Responses due July 15, 2010*

The USDA SBIR CAP program will provide support to a successful applicant to provide commercialization assistance to SBIR Phase I winners from FYs 2010 and 2011. [More Information](#)

**\*\*NEW\*\* Environmental Training** - *Responses due July 26, 2010*

The U.S. Environmental Protection Agency requests proposals for the National Environmental Education Training Program. The purpose of this program is to deliver environmental education training and long-term support to teachers and other education professionals across the U.S. to enable them to teach effectively about environmental issues. \$2.2 million expected to be available, 1 award anticipated. [More Information](#)

**Economic Development Assistance Programs** – *Applications Accepted through September 20, 2010*

Under this announcement, EDA solicits applications for the following programs under PWEDA: (i) Public Works; (ii) Planning; (iii) Local Technical Assistance; and (iv) Economic Adjustment Assistance. EDA will provide Public Works investments to support the construction or rehabilitation of essential public infrastructure and facilities necessary to generate or retain private sector jobs and investments, attract private sector capital, and promote regional competitiveness, including investments that expand and upgrade infrastructure to attract new industry, support technology-led development, accelerate new business development, and enhance the ability of regions to capitalize on opportunities presented by free trade. [More Information](#)

**Recovery Act - America's Recovery Capital (ARC) Loan Program – Applications Accepted through September 20, 2010**

The U.S. Small Business Administration (SBA) has a new loan program designed just for small businesses stressed in meeting expenses during these economic times. SBA's America's Recovery Capital Loan Program can provide up to \$35,000 in short-term relief for viable small businesses facing immediate financial hardship to help ride out the current uncertain economic times and return to profitability. Each small business is limited to one ARC loan. [More Information](#)

**Nuclear Energy University Programs – Fellowship and Scholarship Support - Responses due March 3, 2011**

This program supports education and training for future nuclear scientists, engineers and policy-makers who are attending U.S. universities and colleges in nuclear-related graduate, undergraduate and two-year study programs. These are zero-dollar awards that will be funded as students apply through their university. [More Information](#)

**Economic Development Assistance Programs - Ongoing**

Request for proposals for projects that promote comprehensive, entrepreneurial, and innovation-based economic development efforts that will enhance the competitiveness of regions, resulting in increased private investment and higher-skill, higher-wage jobs in areas experiencing substantial and persistent economic distress. These programs include: 1) Public Works and Economic Development Investments Program, 2) Planning Program: Planning Assistance for Economic Development Districts, Indian Tribes, States, and other Planning Organizations, 3) Technical Assistance Program: Local Technical Assistance; National Technical Assistance; and University Centers, 4) Economic Adjustment Assistance Program, 5) Trade Adjustment Assistance Program. \$250.7 million available.

[More Information](#)

**INTERNATIONAL**

**\*\*DUE DATE EXTENDED\*\* Activities That Advance Methane Recovery and Use as a Clean Energy Source - Responses due July 29, 2010**

This notice announces the availability of funds and solicits proposals for investigation, survey, study, training, and demonstration projects (eligible projects) that advance international near-term, cost-effective methane recovery and use as a clean energy source, and support the goals of the Methane to Markets Partnership. This funding opportunity is only for international activities in support of the Methane to Markets Partnership. [More Information](#)

**Greenhouse Gas Mitigation - Indonesia - Responses due September 15, 2010**

The U.S. Agency for International Development Mission in Indonesia requests applications for the Greenhouse Gas Mitigation Program. This RFP will support projects to reduce greenhouse gas emissions in both the land use/forestry sector and the energy sector. \$1.5 million expected to be available, up to 2 awards anticipated. [More Information](#)

**Climate Adaptation and Disaster Resilience – Indonesia – Responses due December 6, 2010**

The U.S. Agency for International Development, Mission in Indonesia, requests proposals for Climate Adaptation and Disaster Resilience (CADRE). Indonesia is particularly vulnerable to climate change and disasters. CADRE supports projects that address climate change and

disasters by efficiently, effectively and sustainably addressing the needs for disaster risk reduction and climate change adaptation together, among vulnerable populations in Indonesia. Multiple awards ranging from \$500K to \$1.5 million anticipated. [More Information](#)

**Energy Business Opportunities/Exporting Energy Products to/in China - Ongoing**

The U.S. Commercial Service in China is a strategic advisor and sponsor of The China Greentech Initiative, a collaboration among green technology companies and organizations that endeavors to uncover, create and promote greentech opportunities in China.. [More Information](#)

**LIGHTING**

**\*\*NEW\*\* Solid-State Lighting Core Technologies**

*Responses due July 14, 2010*

The U.S. Department of Energy requests proposals for Solid-State Lighting Product Development Funding Opportunity - Round VII. Through this RFP, DOE seeks to develop or improve commercially viable materials, devices, or systems for solid-state lighting general illumination applications. The RFP identifies 11 areas of interest which address Light Emitting Diodes (LED) and Organic Light Emitting Diodes (OLED). \$10 million expected to be available, up to 10 awards anticipated. [More Information](#)

**LOAN GUARANTEES/OTHER FINANCIAL SUPPORT**

**Federal Loan Guarantees For Commercial Technology Renewable Energy Generation Projects Under the Financial Institution Partnership Program – Part I Submissions may be filed at any time prior to the filing of a Invited Part II Submission Due Dates; July 8, 2010; August 23, 2010; October 7, 2010; November 22, 2010; January 6, 2011**

This solicitation announcement invites the submission of applications from Lender-Applicants for partial, risk-sharing loan guarantees from the United States Department of Energy in support of debt financing for renewable energy systems, including incremental hydropower, that generate electricity or thermal energy by using Commercial Technology and that are located in the United States. [More Information](#)

**Recovery Act - Federal Loan Guarantees for Electric Power Transmission Infrastructure Investment Projects – Responses due September 11, 2011**

This solicitation announcement invites the submission of applications for loan guarantees from the United States Department of Energy in support of debt financing for Transmission Infrastructure Investment Projects to create a new program for rapid deployment of renewable energy and electric power transmission projects. Loan guarantees issued for certain renewable energy systems, electric transmission systems and leading edge biofuels projects. [More Information](#)

**Recovery Act - Federal Loan Guarantees For Projects That Employ Innovative Energy Efficiency, Renewable Energy, And Advanced Transmission and Distribution Technologies – Responses Due September 11, 2011**

This solicitation announcement invites the submission of applications for loan guarantees in support of debt financing for projects in the United States that employ energy efficiency, renewable energy, and advanced transmission and distribution technologies that constitute New or Significantly Improved Technologies. Loan guarantees issued are intended to facilitate



accelerated commercialization of energy efficiency, renewable energy and advanced transmission and distribution technologies. [More information](#)

### **Recovery Act - Payments in Lieu of Tax Credits for Specified Energy Property - Ongoing**

With the goal of expanding development of renewable energy projects throughout the United States and creating new jobs, the U.S. Department of Energy and the U.S. Department of the Treasury today announced they are now accepting applications for a program that will make direct payments in lieu of tax credits to companies that create and place in service renewable energy facilities. The two Departments estimate distributing at least \$3 billion in financial support to approximately 5,000 bio-mass, solar, wind, and other types of renewable energy production facilities. The funding for this effort is made available through the American Recovery and Reinvestment Act. The Recovery Act authorized Treasury to make direct payments to companies that create and place in service renewable energy facilities beginning January 1, 2009. [More Information](#)

## **MANUFACTURING**

### **\*\*NEW\*\* Manufacturing Innovations - Responses due July 15, 2010**

The U.S. Department of Commerce, National Institute of Standards and Technology (NIST), requests proposals for the Technology Innovation Program, in the area of "Manufacturing." Through this RFP, NIST seeks to create significant improvements in new and existing products and in their manufacture by accelerating the utilization of materials advances and overcoming critical manufacturing process bottlenecks to improve the competitiveness of U.S. manufacturers in the global marketplace. \$25 million expected to be available, up to 25 awards anticipated. [More Information](#)

## **NUCLEAR**

### **\*\*NEW\*\* National Laser User's Program - Responses due June 30, 2010**

The National Laser User's Facility (NLUF) program is part of the Joint Program in High Energy Density Laboratory Plasmas, which is sponsored jointly by the National Nuclear Security Administration (NNSA), Office of Defense Science, and the Office of Fusion Energy, Office of Science. The NLUF program is sponsored through the NNSA Service Center in Albuquerque, New Mexico. The NLUF provides access to the OMEGA Laser System for University and Industrial Scientists. [More Information](#)

### **\*\*NEW\*\* Nuclear Education Curricula Development Grant - Responses due October 1, 2010**

The U.S. Nuclear Regulatory Commission (NRC) is an independent agency, established by the Energy Reorganization Act of 1974, tasked with licensing and regulating the Nation's civilian use of byproduct, source, and special nuclear material to ensure adequate protection of public health and safety, to promote the common defense and security, and to protect the environment. The NRC Nuclear Education Grant Program's primary purpose is supporting and developing the educational infrastructure necessary to allow the Nation to safely move its nuclear energy initiatives forward. [More Information](#)

## **RESEARCH**

### **Alternative Energy R&D - Responses due June 30, 2010**



Alternative Energy Research and Development. [More Information](#)

**\*\*NEW\*\* Facilitating Tribal Climate Change Adaptation Planning and Communicating Climate Change Impacts – Responses due July 30, 2010**

This notice announces the availability of funds and solicits proposals to enable tribal climate change adaptation planning, impacts communication, and outreach. [More Information](#)

**Chemical Catalysis - Responses Due August 2, 2010**

The Chemical Catalysis Program supports fundamental experimental and theoretical research directed towards the synthesis and characterization of catalysts and pre-catalysts. This Program accepts proposals on catalytic approaches which facilitate, direct, and accelerate efficient chemical transformations and include, but are not limited to: the design and synthesis of organic, inorganic and hybrid catalytic and pre-catalytic species on the molecular, supramolecular, and nanometer scales; kinetic, mechanistic, and dynamic studies of homogeneous, heterogeneous, biomimetic and biologically-inspired catalytic reactions; characterization of chemical and biochemical catalytic reactions occurring at solid surfaces and/or interfaces; polymerization catalysis; single site catalysis; electrocatalysis (such as water splitting), photocatalysis (such as solar energy conversion); catalytic conversions of fossil fuel feedstocks, biomass conversions, CO<sub>2</sub> activation and other energy-related, catalytic processes; combinatorial catalysis approaches; environmentally-friendly catalytic processes; and applications of modeling, theory, and simulation to catalytic reactions. [More Information](#)

**Science, Mathematics and Engineering Mentoring -**

*Responses due October 6, 2010*

The National Science Foundation requests proposals for Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring. This program, administered on behalf of the White House, seeks to identify outstanding individual mentoring efforts or organizational programs designed to enhance the participation of groups underrepresented in science, technology, engineering, and mathematics. It is expected that each award will be used to continue the recognized activities. The nominees must have served in a described mentoring role for at least five years prior to nomination. \$400K expected to be available, up to 16 awards anticipated. [More Information](#)

**\*\*NEW\*\* Genomic Science and Technology for Energy and the Environment - Responses due September 10, 2010**

The Office of Biological and Environmental Research (BER) hereby announces interest in receiving applications for research that supports the Genomics Science Program and addresses DOE's missions in energy and the environment in the following research areas: a) Microbial Environmental Processes; b) Microbial and Plant Processes for Bioenergy; c) Characterizing Key Molecular Species, Events, and advanced biofuel. The proposed research is intended to fill critical knowledge gaps, including the exploration of high-risk approaches. BER also encourages the submission of innovative "high-risk" applications with potential for future high impact on Genomic Science Research. The probability of success and the risk-reward balance will be considered when making funding decisions. [More Information](#)

**\*\*NEW\*\* Black Carbon, Climate and Air Quality - Responses due September 22, 2010**

The U.S. Environmental Protection Agency requests proposals for Black Carbon's Role in Global to Local Scale Climate and Air Quality. This RFP will support areas including but not limited to: Emission source research, the global to local scale emissions inventory, and co-pollutants. This RFP will also support opportunities for early career projects. \$7 million expected to be available, up to 9 awards anticipated. [More Information](#)

**Energy for Sustainability - Responses due September 23, 2010**

The National Science Foundation requests proposals for Energy for Sustainability. This program supports fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable. Sources of sustainable energy include: Sunlight, Wind/Wave, Biomass, and Geothermal. [More Information](#)

**Biosensing - Responses due September 23, 2010**

The National Science Foundation requests proposals for Biosensing. This program supports innovative, transformative, and insightful investigations of fundamental problems with broad long term impact and applications that require novel use of bio-inspired engineering principles and sophisticated devices to meet the engineering and technology needs of the nation. [More Information](#)

**U.S. DOE Office of Science - Responses due September 30, 2010**

The U.S. Department of Energy, Office of Science, announces its continuing interest in receiving grant proposals in areas including, but not limited to: Basic Energy Sciences, Biological and Environmental Research, and Advanced Scientific Computing. [More Information](#)

**Engineering Design and Innovation - Responses due October 1, 2010**

The EDI program supports research leading to design theory and to tools and methods that enable implementation of the principles of design theory in the practice of design across the full spectrum of engineered products. The program focus is on gaining an understanding of the basic processes and phenomena underlying a holistic, life-cycle view of design where the total system life-cycle context recognizes the need for advanced understanding of the identification and definition of preferences, analysis of alternatives, effective accommodation of uncertainty in decision-making, and the relationship between data and knowledge in a digitally-supported process. The program funds advances in basic design theory, tools, and software to implement design theory and new design methods that span multiple domains, such as design for the environment and for manufacturability. [More Information](#)

**Sensors and Sensing Systems - Responses due October 1, 2010**

The National Science Foundation requests proposals for Sensors and Sensing Systems. This program supports fundamental research on advanced actuators, sensors, wireless sensor networks, new materials and concepts for sensing applications, power generation and energy supply for sensors and sensing systems. [More Information](#)

**Structural Materials and Mechanics - Responses October 1, 2010**

The National Science Foundation requests proposals for Structural Materials and Mechanics. This program supports fundamental research on the behavior of civil infrastructure materials and the mechanics of structural components in the built environment. Of particular interest is research on structural components consisting of natural and synthetic materials, their response to mechanical, hydrothermal and time-dependent loads, and their impact on life-cycle performance and sustainable development of the civil infrastructure. [More Information](#)

**Materials and Surface Engineering – Responses due October 1, 2010**

The National Science Foundation requests proposals for Materials and Surface Engineering. This program supports fundamental research leading to a better understanding of the effect of microstructure, surfaces and coatings on the properties and performance of engineering

materials, and the ultimate control of these properties through material design. [More Information](#)

**Materials Processing and Manufacturing – Responses due October 1, 2010**

The National Science Foundation requests proposals for Materials Processing and Manufacturing. This program supports fundamental research on the interrelationship of materials processing, structure, performance and process control. [More Information](#)

**Mechanics of Materials – Responses due October 1, 2010**

The National Science Foundation requests proposals for Mechanics of Materials. This program supports fundamental research on solid mechanics including theoretical, analytical, and computational approaches, model-based simulation, and the development of constitutive models. [More Information](#)

**Manufacturing and Construction Machines and Equipment– Responses due October 1, 2010**

The National Science Foundation requests proposals for Manufacturing and Construction Machines and Equipment. This program supports fundamental research leading to improved machines and applications for both manufacturing and construction. Key goals are to advance the transition of these industries from skill-based to knowledge-based activities and to develop them as activities with minimal environmental and societal impact. [More Information](#)

**Power, Controls and Adaptive Networks - Responses due October 7, 2010**

The Power, Controls and Adaptive Networks (PCAN) program invests in the design and analysis of intelligent and adaptive engineering networks, including sensing, imaging, controls, and computational technologies for a variety of application domains. The program supports distributed control of multi-agent systems with embedded computation for sensor and adaptive networks. PCAN invests in adaptive dynamic programming, brain-like networked architectures performing real-time learning, neuromorphic engineering, telerobotics, and systems theory. PCAN places emphasis on electric power networks and grids, including generation, transmission and integration of renewable, sustainable and distributed energy systems, such as fuel cells and micro-turbines in large power networks; high power electronics and drives; and understanding of associated regulatory and economic structures. [More Information](#)

**NSF/DOE Partnership in Basic Plasma Science and Engineering - Responses due October 8, 2010**

The Directorates for Engineering, Geosciences, and Mathematical and Physical Sciences of the National Science Foundation and the Office of Science/Office of Fusion Energy Sciences of the Department of Energy are continuing in FY2009 the joint Partnership in Basic Plasma Science and Engineering begun in FY1997. The goal of this three year (FY09-FY11) program initiative is to enhance plasma research and education in this broad, multidisciplinary field by coordinating efforts and combining resources of the two agencies. The initiative will address fundamental issues in plasma science and engineering that can have impact in other areas or disciplines in which improved basic understanding of the plasma state is needed. [More Information](#)

**\*\*NEW\*\* Paleo Perspectives on Climate Change– Responses due October 15, 2010**

The goal of research funded under the interdisciplinary P2C2 solicitation is to utilize key geological, chemical, and biological records of climate system variability to provide insights into the mechanisms and rate of change that characterized Earth's past climate variability, the

sensitivity of Earth's climate system to changes in forcing, and the response of key components of the Earth system to these changes. Important scientific objectives of P2C2 are to: 1) provide comprehensive paleoclimate data sets that can serve as model test data sets analogous to instrumental observations; and 2) enable transformative syntheses of paleoclimate data and modeling outcomes to understand the response of the longer-term and higher magnitude variability of the climate system that is observed in the geological record. [More Information](#)

**Partnerships for Innovation - Responses due October 31, 2010**

The National Science Foundation requests proposals for the Partnerships for Innovation Program with the goals to: 1) stimulate the transformation of knowledge created by the research and education enterprise into innovations that create new wealth; build strong local, regional and national economies; and improve the national well-being; 2) broaden the participation of all types of academic institutions and all citizens in activities to meet the diverse workforce needs of the national innovation enterprise; and 3) catalyze or enhance enabling infrastructure that is necessary to foster and sustain innovation in the long-term. To develop a set of ideas for pursuing these goals, this competition will support 12-15 promising partnerships among academe, the private sector, and state/local/ federal government that will explore new approaches to support and sustain innovation. [More Information](#)

**Solid State and Materials Chemistry - Responses due October 31, 2010**

The National Science Foundation supports basic research in solid state and materials chemistry comprising the elucidation of the atomic and molecular basis for material development and properties in the solid state from the nanoscale to the bulk. Areas of interest include, but are not limited to: Innovative approaches to design, synthesis, bulk crystal and/or film growth, and characterization of novel organic, inorganic, and hybrid materials, as well as liquid crystal materials and multi-component material systems exhibiting new phenomena and/or providing new scientific insights into structure/composition/property relationships in the solid state. [More Information](#)

**Small Business Technology Transfer Program - FY 2010 - Responses due November 17, 2010**

The small business programs stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The Small Business Technology Transfer Program (STTR) requires researchers at universities and other research institutions to play a significant intellectual role in the conduct of each STTR project. These university-based researchers, by joining forces with a small company, can spin-off their commercially promising ideas while they remain primarily employed at the research institution. [More Information](#)

**Basic and Applied Scientific Research - Proposals Accepted through September 30, 2011**

US Army Research Office has issued a Broad Agency Announcement for Basic and Applied Scientific Research in areas including, but not limited to: Mechanical, environmental and materials sciences, physics, and chemistry. [More Information](#)

**Climate Research - Ongoing**

National Science Foundation is requesting proposals for Paleoclimate research. Projects should focus on the natural evolution of Earth's climate with the goal of providing a baseline for present variability and future trends through improved understanding of the physical, chemical, and biological processes that influence climate over the long-term. [More Information](#)

## **RURAL DEVELOPMENT**

### **Rural Business Opportunity Grant - Responses due June 28, 2010**

The RBOG program promotes sustainable economic development in rural communities with exceptional needs through provision of training and technical assistance for business development, entrepreneurs, and economic development officials and to assist with economic development planning. [More Information](#)

### **Rural Energy for America (REAP) Guaranteed Loan and Grant Program - Responses due June 30, 2010**

The U.S. Department of Agriculture requests proposals for Renewable Energy Systems and Energy Efficiency Improvements, under the Rural Energy for America Program. This RFP will provide support to agricultural producers and rural small businesses to purchase and install renewable energy systems and make energy efficiency improvements. \$51.5 million expected to be available, up to 2,000 awards anticipated. [More Information](#)

### **\*\*NEW\*\* Energy Audits and Renewable Energy Development Assistance Grants -**

*Responses due July 26, 2010*

The energy audits and renewable energy development assistance program is designed to help agricultural producers and rural small businesses reduce energy costs and consumption and help meet the nation's critical energy needs. The 2008 Farm Bill mandates that the recipient of a grant that conducts an energy audit for an agricultural producer or a rural small business require the agricultural producer or rural small business to pay at least 25 percent of the cost of the energy audit, [More Information](#)

### **Recovery Act - Rural Business Enterprise Grant Programs (RBEG) - Applications accepted until funds are expended.**

Assistance provided to rural areas under this program may include on-site technical assistance to local and regional governments, public transit agencies, and related non-profit and for-profit organizations in rural areas; the development of training materials; and the provision of necessary training assistance to local officials and agencies in rural areas.

[More Information](#)

## **SOLAR**

### **\*\*NEW\*\* High Impact Supply Chain R&D for PV Technologies - Responses due July 2, 2010**

The objective of this Announcement is to identify and accelerate the development of cross-cutting and unique products or processes that are expected to have a disruptive impact on the photovoltaics (PV) industry in support of the overall Department of Energy, Energy Efficiency and Renewable Energy, Solar Energy Technologies Program (SETP) goals. Successful applicants to this FOA will propose an R&D project based on a concept, process, or prototype, which has been demonstrated at a pre-commercial scale, and show how this technology has significant potential for near-term impact on a substantial segment of the PV industry. [More Information](#)

## **TRANSPORTATION**



**\*\*NEW\*\* Hybrid Road Locomotive for Emissions Reduction - Responses due July 23, 2010**  
Hybrid Road Locomotive for Emissions reduction\_--A road locomotive to reduce emissions and save fuel will be developed and tested. [More Information](#)

**\*\*NEW\*\* Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER-II)**  
*Responses due August 11, 2010*

The Federal Transit Administration (FTA) announces the availability of discretionary funds in Fiscal Year (FY) 2010 for the Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER) Program. The Transportation, Housing and Urban Development, and Related Agencies Appropriations Act 2010, appropriated \$75 million for grants to public transit agencies for capital investments that will reduce the energy consumption or greenhouse gas emissions of their public transportation systems, referred to as the Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER) program. \$100 million was previously provided for TIGGER in the American Recovery and Reinvestment Act of 2009 (ARRA) and awarded by FTA. There are two eligible purposes for TIGGER grants: (1) For capital investments that will assist in reducing the energy consumption of a transit system; or (2) for capital investments that will reduce greenhouse gas emissions of a public transportation system. Project proposals may be submitted under either or both categories; however only one project may be submitted under a single proposal. [More Information](#)

**Federal Aviation Administration - Efficient Airplanes and Airports -- Proposals accepted through January 1, 2012**

The Federal Aviation Administration accepts unsolicited research proposals that address long-term growth and short-term technical needs of civil aviation. 10 areas of interest are identified which include, but are not limited to: 1) Environment and Energy – Improvements that address environmental and regulatory issues such as noise abatement, aircraft pollution, and improved certification of clean, quiet, fuel efficient aircraft, and 2) Airports – Improvements in design, construction, operation, and maintenance of airports. [More Information](#)

## **WIND**

**\*\*NEW\*\* Enhancing Short Term Wind Energy Forecasting for Increased Utility Operations**  
- Responses due July 13, 2010

This FOA will provide funding to a recipient to work in collaboration with federal participants (NOAA/DOE) to meet an emerging national need for more precise wind forecasts than are currently available. Accuracy of commercial wind energy forecasting services is limited to a large degree by core meteorological and forecast products available from the National Oceanic and Atmospheric Administration's (NOAA) National Weather Service, which to date has not focused on providing foundational meteorological information optimized for wind energy. This project seeks to research and test whether improved meteorological observations will provide more accurate wind forecasts that can be utilized within the public/private sector to facilitate grid operations. While a number of research, wind industry, and forecasting service organizations have made local or regional efforts to improve wind measurement and forecasting capabilities at turbine levels, typically using existing weather forecast models and operating in a local area or region, advancements in both research and operational state-of-the-art for lower atmospheric sensing and numerical predictions on the national scale are still needed. [More Information](#)

**\*\*NEW\*\* Request for Information - DOE Offshore Wind Program - Responses due July 14, 2010**

The U.S. Department of Energy (DOE) today released a Request for Information (RFI) seeking input from the public on the research, development, and deployment of offshore wind demonstration projects. DOE's Wind Program is planning a research and development program to stimulate responsible, cost-effective offshore wind energy deployment in coastal and Great Lakes regions of the country. [More Information](#)

**\*\*NEW\*\* Midsize Turbine Development Projects -**

Responses due July 14, 2010

The U.S. Department of Energy requests proposals for Midsize Turbine Development Projects. Through this RFP, DOE seeks to accelerate the development and availability of midsize turbines for the U.S. market with the ultimate goal of commercial deployment. Specifically, DOE seeks innovative advances in midsize turbine technology development; value engineered midsize turbines with a competitive price; and increased job creation by the utilization of U.S. manufacturers and supply chain vendors. \$6.028 million expected to be available, up to 4 awards anticipated. [More Information](#)

***OUT-OF-STATE OPPORTUNITIES***

**\*\*NEW\*\* Advanced Water Treatment Projects**

Responses due July 2, 2010

The U.S. Department of the Interior, Bureau of Reclamation, requests proposals for Advanced Water Treatment (AWT) Pilot and Demonstration Project Grants. This RFP will support projects that address the technical, economic, and environmental viability of treating and using brackish groundwater, seawater, impaired waters, or otherwise creating new water supplies within a specific locale. The adoption and use of AWT is a crucial element for addressing Western water issues. Applicants must be located in AZ, CA, CO, ID, KS, MT, NB, NV, NM, ND, OK, OR, SD, TX, UT, WA, WY, AS, GU, CNMI or the VI. [More Information](#)

**\*\*NEW\*\* Western Water Resources and Climate Change - Responses due July 2, 2010**

The U.S. Department of the Interior, Bureau of Reclamation, requests proposals for WaterSMART: Research Grants to Develop Climate Analysis Tools. Projects should focus on the development of knowledge, information, and tools that will lead to enhanced management of water resources in the Western U.S. in a changing climate. Applicants must be located in AZ, CA, CO, ID, KS, MT, NB, NV, NM, ND, OK, OR, SD, TX, UT, WA, WY, AS, GU, CNMI or the VI. \$1 million expected to be available, up to 6 awards anticipated. [More Information](#)

**\*\*NEW\*\* Resource Conservation Challenge - Region 6 - Responses due July 8, 2010**

The U.S. Environmental Protection Agency, Region 6, requests proposals for the Resource Conservation Challenge Program. RCC supports conservation of natural resources and energy by managing materials more efficiently. Priority areas include: Increasing recycling of municipal solid waste, construction and demolition debris, and industrial materials. Projects must take place in AR, LA, NM, OK, or TX. \$50K expected to be available, 2 awards anticipated. [More Information](#)

**\*\*NEW\*\* Environmental Training for Youths – Responses due September 29, 2010**

The United States Fish and Wildlife Service (USFWS) is an environmental Federal Agency with offices throughout the United States. Here in the Northeast Region, we cover states from Maine to Virginia. Through on-site activities located at a variety of field stations, including wildlife



refuges, fish hatcheries, and ecological services offices, youth will be introduced to natural resource careers through “hands-on” work with, and training by, natural resource professionals employed by the USFWS. The USFWS hereby invites submission of proposals from all potential sources willing and able to cooperatively administer a program for identifying and recruiting youth or youth groups for assignments at field stations in the following states. Maine, New Hampshire, Vermont, New York, New Jersey, Connecticut, Massachusetts, Rhode Island, Pennsylvania, Delaware, West Virginia, Virginia, Maryland. [More Information](#)

**\*\*NEW\*\* California: 1 MW Solar – Responses due June 29, 2010**

The U.S. Army Corps of Engineers requests bids for the design and construction of a one megawatt solar power field to support a micro grid at Ft. Hunter-Liggett, [More Information](#)

**\*\*NEW\*\* California: Solar Installation – Responses due June 29, 2010**

The U.S. Army Corps of Engineers requests bids for the design and construction of solar electricity generation and lighting retrofits at the Presidio of Monterey, CA. [More Information](#)

**\*\*NEW\*\* California: Hybrid Truck and Bus Voucher Incentive Project (HVIP) - First come, first served**

The California Air Resources Board (ARB) created the HVIP to speed the market introduction of low-emitting hybrid trucks and buses. It does this by reducing the cost of these vehicles for truck and bus fleets that purchase and operate the vehicles in the State of California. The HVIP voucher is intended to reduce about half the incremental costs of purchasing hybrid heavy-duty trucks and buses.

[More Information](#)

**\*\*NEW\*\* Nebraska: Renewables**

*Responses due September 1, 2010*

The Nebraska Public Power District seeks to purchase energy and environmental attributes from small-

scale renewable energy projects (2-10 MW) operational on or before 12/1/10. [More Information](#)

**\*\*NEW\*\* Maryland: Port of Baltimore Clean Diesel Program (including Locomotive Engine Idle Reduction Grant Sub-Program) - Rolling deadline until funds are awarded**

The purpose of the Clean Diesel Program is to reduce diesel emissions at the Port of Baltimore through funding from the U.S. Environmental Protection Agency (EPA)'s National Clean Diesel Campaign as part of the American Recovery and Reinvestment Act of 2009 (a.k.a. “stimulus funding”) and the Energy Policy Act of 2005. The Clean Diesel Program is being administered by the Port of Baltimore Steering Committee (POBSC). Four award subprograms are available: Dray Trucks, Cargo Handling Equipment, Harbor Craft, and Locomotive. [More Information](#)

**\*\*NEW \*\* New Jersey: K-9 Environmental Education -**

*Responses due June 30, 2010*

PSE&G's requests proposals from K-9 New Jersey Teachers, for Environmental Education Grants. This program supports educators who can link their students' understanding of math, science, computer science, and technology with an enthusiasm and appreciation for the environment. \$25K expected to be available, individual awards NTE \$3.5K. [More Information](#)

**\*\*NEW\*\* New York: Technical Assistance Contractor for Biomimicry - Responses due July 22, 2010**

NYSERDA seeks to competitively select a Technical Assistance Contractor to furnish a compendium of services to assist with using and promoting biomimicry as a tool to help various

NYSERDA programs and industrial partners develop new and improved energy-related products and processes better, faster and cheaper. This RFP will be used to select a Technical Assistance Contractor to help with a number of biomimicry activities in New York State. [More Information](#)

**\*\*NEW\*\* New York: Energy Efficiency Careers - Responses due August 3, 2010**

The New York State Energy Research and Development Authority requests proposals for Energy Efficiency Career Pathways Training and Technical Training. The intent of this RFP is to facilitate workforce education within NY State in the area of energy efficiency. Proposers may develop and implement training initiatives as part of a career pathway, continuing education opportunity, college credit course, certificate program, two-year degree program, etc. \$1.850 million expected to be available. [More Information](#)

**\*\*NEW\* New York: Low Carbon Transportation Alternatives Pathways to Energy Efficiency, Enhanced Economics, Sustainability and Livability - Responses due August 25, 2010**

In partnership with the New York State Department of Transportation (NYSDOT), the New York State Energy Research and Development Authority (NYSERDA) Program Opportunity Notice (PON) 2078 seeks proposals that have the potential of reducing the carbon intensity of the existing multi-modal transportation system in New York State. For the purpose of this solicitation, carbon intensity is defined as CO2 emissions per unit of passenger or freight transport. Total available New York State funding is \$1,500,000. All, or none, of the available funding may be allocated. [More Information](#)

**\*\*NEW\*\* New York: Electric Power Transmission and Distribution (EPTD) Smart Grid Program -**

Responses due September 1, 2010; March 10 and August 4, 2011

The New York State Energy Research and Development Authority (NYSERDA) announces the availability of up to \$16.5 million in funds to support projects that improve the reliability, efficiency, security, and overall performance of the electric power delivery system in New York State. Projects must demonstrate significant statewide public benefit and quantify all energy, environmental and economic impacts. Technology demonstrations and engineering studies are eligible for funding under this solicitation. [More Information](#)

**\*\*NEW \*\* Pennsylvania: Pittsburgh Healthy School Bus Fund - Rolling deadline until funds are awarded**

To promote this solution, the Clean Air Task Force, Clean Water Action, the Group Against Smog and Pollution and the Heinz Endowments, announce the establishment of the Pittsburgh Healthy School Bus Fund to retrofit school buses. The Heinz Endowments has made this program possible by providing \$500,000 in initial funds. The expectation is that a combination of public and private grants will make substantial additional funding available.

[More Information](#)

**\*\*NEW\*\* Washington: Conservation Innovation Grants – Responses due June 30, 2010**

The U.S. Department of Agriculture requests proposals for Conservation Innovation Grants (CIG) for projects that advance innovative conservation approaches and technologies in environmental enhancement and protection, in conjunction with agricultural production. Areas of interest may include, but are not limited to: Water, atmosphere and soil conservation, organic production, and improved on-farm energy efficiency including renewable energy sources such as wind or solar, methane recovery, and on-farm energy audits. See individual RFPs for state-specific priorities. \$150K expected to be available, up to 3 awards anticipated. [More Information](#)

**\*\*NEW\*\* Tennessee: Idle Smart Program (rebates for the purchase of APUs) - Rolling deadline until funds are awarded**

The U.S. Environmental Protection Agency is providing Tennessee with \$1.73 million in funding from the American Recovery and Reinvestment Act of 2009 to supplement the state's *Idle Smart* Clean Diesel Grant program. *Idle Smart* is a state program offered by the Tennessee Department of Environment and Conservation to help small trucking companies and independent owner-operators reduce engine idling, save money and reduce air pollution. [More Information](#)

## **FEDERAL TAX INCENTIVES**

### **Tax Deductions for Commercial Buildings:**

A tax deduction of up to \$1.80 per square foot is available to owners or designers of new or existing commercial buildings that save at least 50% of the heating and cooling energy of a building that meets ASHRAE Standard 90.1-2001. Partial deductions of up to \$.60 per square foot can be taken for measures affecting any one of three building systems: the building envelope, lighting, or heating and cooling systems. These tax deductions are available for systems "[placed in service](#)" from January 1, 2006 through December 31, 2013. [More Information](#), [Commercial Building Tax Deduction Coalition](#)

### **Recovery Act -Tax Credits for Consumers**

Tax credits are available at 30% of the cost, up to \$1,500, in 2009 & 2010 (for existing homes only) for: [Windows and Doors](#), [Insulation](#), [Roofs \(Metal and Asphalt\)](#), [HVAC](#), [Water Heaters \(non-solar\)](#), and [Biomass Stoves](#)

Tax credits are available at 30% of the cost, with no upper limit through 2016 (for existing homes & new construction) for: [Geothermal Heat Pumps](#), [Solar Panels](#), [Solar Water Heaters](#), [Small Wind Energy Systems](#), [Fuel Cells](#)

[Cars](#) - Hybrid gasoline-electric, diesel, battery-electric, alternative fuel, and fuel cell vehicles. Based on a formula determined by vehicle weight, technology, and fuel economy compared to base year models. Plug-in hybrid electric vehicles - \$2,500–\$7,500. [More Information](#)

### **Recovery Act - Advanced Energy Manufacturing Tax Credit**

The U.S. Department of the Treasury and the U.S. Department of Energy will award \$2.3 billion in tax credits for manufacturers of advanced energy equipment. Authorized by the American Recovery and Reinvestment Act (Recovery Act), this new program will provide tax credits to manufacturers who produce clean energy equipment. Qualifying manufactures will produce solar, wind, and geothermal energy equipment; fuel cells, microturbines, and batteries; electric cars; electric grids to support the transmission of renewable energy; energy conservation technologies; and equipment that captures and sequesters carbon dioxide or reduces greenhouse gas emissions. [More Information](#)

### **Recovery Act - Production Tax Credit**

The Act extends the date before which a renewable energy project must be completed (referred to as the "placed-in-service" date) in order to qualify for the 1.5¢ per kilowatt hour production tax credit. The placed-in-service date for wind power facilities is extended through December 31,

2012. The placed-in-service date for biomass, geothermal, small irrigation, landfill gas, trash combustion, hydropower, and marine renewable facilities is extended through December 31, 2014.

### **Tax Credits for Home Builders**

Home builders are eligible for a \$2,000 tax credit for a new energy efficient home that achieves 50% energy savings for heating and cooling over the 2004 International Energy Conservation Code (IECC) and supplements. At least 1/5 of the energy savings must come from building envelope improvements. This credit also applies to contractors of manufactured homes conforming to Federal Manufactured Home Construction and Safety Standards. There is also a \$1,000 tax credit to the producer of a new manufactured home achieving 30% energy savings for heating and cooling over the 2004 IECC and supplements (at least 1/3 of the savings must come from building envelope improvements), or a manufactured home meeting the [requirements](#) established by EPA under the ENERGY STAR program. [More Information](#)

### **Recovery Act - Investment Tax Credit**

The Act allows owners of certain renewable energy facilities to claim the investment tax credit in lieu of the production tax credit. The investment tax credit is an income tax credit generally equal to 30% of the tax basis of the renewable energy facility. The investment tax credit is available for certain facilities placed in service between 2009 and 2012. Facilities that are eligible for the investment tax credit are wind, biomass, geothermal, small irrigation, hydropower, landfill gas, waste-to-energy, and marine renewable facilities. A major benefit of claiming the investment tax credit (rather than the production tax credit) is that the owner of the renewable energy facility claims the entire investment tax credit in the year the facility is placed in service (and in certain instances during construction). In contrast, the production tax credit is claimed over 10 years (and only to the extent electricity is generated).

### **Recovery Act - Alternative Fuel Vehicle Refueling Property**

For alternative fuel vehicle (or clean-fuel vehicle) refueling property placed in service in 2009 or 2010, the credit for businesses is increased to 50% of the cost of the refueling property placed in service (up from the existing 30%) with a corresponding increase in the cap to \$50,000 (from \$30,000). The cap for hydrogen related property is also increased to \$200,000 (from \$30,000). The refueling credit for non-businesses is increased to 50% (from 30%) and capped at \$2,000 (from \$1,000).

### **Recovery Act - Carbon Dioxide Capture**

Any taxpayer claiming the \$10 credit per ton for carbon dioxide captured at a qualified facility and transported for use in an enhanced oil or natural gas recovery project, must now also ensure that such carbon dioxide is permanently stored in a geologic formation.

### **Biodiesel and Cellulosic Biofuel Producer Tax Incentives**

The Internal Revenue Service has issued new guidance for producers of biodiesel applying for tax credits, following the revision of the American Society of Testing and Materials biodiesel standard ASTM D6751, and for producers of cellulosic ethanol applying for tax credits provided for in the recently enacted "Food, Conservation, and Energy Act of 2008" (P.L. 110-246). Read IRS Notice 2008-110 - [More Information](#)

***PRIVATE FUNDING***

### **CAFE Foundation – Green Flight Challenge**

*Challenge competition will take place July 2011*

The NASA Innovative Partnerships Program and the Comparative Aircraft Flight Efficiency (CAFE) Foundation today announced the CAFE Green Flight Challenge (CGFC), a flight efficiency competition for aircraft that can average at least 100 mph on a 200-mile flight while achieving greater than 200 passenger miles-per-gallon. The prize for the aircraft with the best performance will be \$1.5 million. This is the largest prize ever offered for a general aviation competition. A \$150,000 prize for best score by a bio-fueled aircraft is also offered. The competition is slated for July 2011 at Charles M. Schulz Sonoma County Airport in Santa Rosa, California. A variety of innovative experimental aircraft that fly with either electricity, solar, bio-fuel or hybrid propulsion are expected to enter. Several major universities and EAA aircraft builders have already expressed their intention to form teams to compete. The competition is now officially accepting entrants at [cafefoundation.org](http://cafefoundation.org). To enter, [please download the complete rules kit](#).

### **Best Buy Co. - Recycling Consumer Electronics -Proposals Accepted on a Continual Basis**

Proposals Requested for Consumer Electronics Recycling Grants. This program seeks to increase recycling opportunities available to communities across the U.S. Support is provided for events hosted by 501(c) (3) nonprofit organizations, and for events hosted by other organizations in cities and townships across the country. Grant range \$500 to \$1.5K. [More Information](#)

### **Bill & Melinda Gates Foundation -- Proposals Requested through specific RFPs**

They look for projects that; help reduce inequities in neglected areas; produce measurable results; catalyze increased momentum, scale, and sustainability of change; collaborate with government, philanthropic, private-sector, and not-for-profit partners; favor preventative approaches; leverage support from other sources; advance our current strategies, accelerating the work we are already supporting. [More Information](#)

### **Captain Planet Foundation – Deadlines for submitting grant applications June 30, September 30, and December 31**

The mission of the Captain Planet Foundation is to fund and support hands-on, environmental projects for children and youths. The objective is to encourage innovative programs that empower children and youth around the world to work individually and collectively to solve environmental problems in their neighborhoods and communities. Through environmental education, children can achieve a better understanding and appreciation for the world in which they live. [More Information](#)

### **Charles A. and Anne Morrow Lindbergh Foundation --- Applications due the second Thursday of June in the year preceding the awarding of funds**

Each year, The Charles A. and Anne Morrow Lindbergh Foundation provides grants of up to \$10,580 (a symbolic amount representing the cost of the *Spirit of St. Louis*) to men and women whose individual initiative and work in a wide spectrum of disciplines furthers the Lindberghs' vision of a balance between the advance of technology and the preservation of the natural/human environment. [More Information](#)

### **\*\*NEW\*\* Climate Trust: Greenhouse Gas Offset Projects - Rolling deadline until funds are awarded**

The Climate Trust currently has three programs for which they are buying offsets. Each program has specific requirements to meet its unique goals. [More Information](#)



**Cottonwood Foundation** -- *Invitation from Foundation for Partnership Needed*

Cottonwood Foundation has a very limited amount of funding available, and will only award grants to organizations that meet all four of the following criteria: protect the environment, promote cultural diversity, empower people to meet their basic needs, and rely on volunteer efforts. [More Information](#)

**Energy Foundation Grants** -- *Application reviewed four times a year*

The Energy Foundation is a partnership of major donors interested in solving the world's energy problems. Our mission is to advance energy efficiency and renewable energy — new technologies that are essential components of a clean energy future. Major program areas of support include: power, building, transportation and climate. [More information](#)

**Environmental Grant Making Foundations**

A comprehensive list of foundations that support environmental nonprofit activities and programs. The publication can be purchased for \$115. The directory is a comprehensive guide to over 900 foundations that fund environmental projects. These foundations give approximately \$1 billion for environmental purposes annually. The 11th edition includes 234 members of the Environmental Grant makers Association plus nearly 700 foundations that give environmental grants. [More Information](#)

**Environmental Support Center** -- *Applications Due the First Day of Each Month*

Strengthens grassroots environmental nonprofits with training and organizational assistance, donations of technology, fundraising loans and other services. Provides funds on a reimbursable basis for organizations to hire consultants or to attend capacity building training events. Capacity building is work that increases a group's ability to achieve its mission and build long-term organizational sustainability. [More Information](#)

**Foundation of Ecological Use of Energy** -- *Grant Proposals received throughout the year*

The Ecology Foundation charitable foundation formed for the purpose of supporting research that explores the viability and potential commercialization of various inventions that will increase energy efficiency and ultimately reduce environmental problems facing mankind. [More Information](#)

**Great Lakes Protection Fund**

The interest of the Great Lakes Protection Fund is to assure that water issues related to the ecological health of the Great Lakes basin remain in the foreground of any transition to biofuel cropping, transportation, and refining. The foundation is paying attention to biofuels as it touches on existing work in ecological health. Returned \$1.6 million to member states in 2005 and paid \$2.8 million for regional projects. It lists 26 active projects in 2005. [More Information](#)

**Jessie Smith Noyes Foundation** - *Proposals Accepted on a Continual Basis*

The mission of the Jessie Smith Noyes Foundation is to promote a sustainable and just social and natural system. The Foundation provides support to grassroots organizations nationwide through several grant making programs. The Protect the Health and Environment of Communities Threatened by Toxics program supports organizations that work on toxics exposure and contamination. The Advance Environmental Justice program supports organizations that strive to counter environmental degradation in low-income communities and communities of color. The Promote a Sustainable Agricultural and Food System program provides grants to rural and urban organizations that work with farmers and consumers on issues involving sustainable agriculture and community food security. [More Information](#)

### **The Joyce Foundation**

The Joyce Foundation's focus is on energy from clean coal. It committed \$7 million over three years (2005-2007) to ensure that the next generation of Midwest coal plants use state-of-the-art technology to minimize climate change and pollution. Total given to environment was just over \$6.2 million for 37 projects in 2005. The average grant size was \$168,000, with a range of \$42,000 to \$787,000. [More Information](#)

### **McKnight Foundation**

The goal of McKnight grant making is that Upper Midwest will provide a significant portion of the nation's renewable energy supply for electricity and transportation fuels. Funding for advanced biofuels began in 2005: \$10 million over 5 years. Since 1997, its renewable energy grant making has been in partnership with the Energy Foundation. [More Information](#)

### **Nathan Cummings Foundation**

Nathan Cummings has a related program area in Environment & Contemplative Practice. The foundation seeks to foster sustainability and environmental justice by supporting the accountability of corporations, governments, and other institutions for their environmental practices. In energy, support has focused on the Apollo Project's national, regional, and statewide projects to spark action and policy development in renewable energy and efficiency. Annual support to Apollo Project energy work this year was about \$400,000 for national work, and about \$250,000 for regional efforts, for a total of close to \$750,000 per year.

[More Information](#)

### **Oak Foundation** -- *Letters of inquiry received throughout the year*

Oak Foundation commits its resources to address issues of global social and environmental concern, particularly those that have a major impact on the lives of the disadvantaged. [More Information](#)

### **Pioneer Hi-Bred International's Community Investment** -- *Proposals Accepted on a Continual Basis*

Pioneer Hi-Bred International's Community Investment Program supports efforts to improve the quality of life in the communities where the company's customers and employees live and work worldwide, including locations in the United States and Canada. In the U.S., the company supports nonprofit organizations that address science education, agriculture, and farm safety. In Canada, the focus is on agriculture and conservation, education and leadership development, rural health and welfare, and heritage preservation and the arts in rural communities. Priority is given to nonprofit organizations located in Pioneer facility communities or rural agricultural regions. [More Information](#)

### **Renewable Fuels Foundation** -- *Proposals Accepted on a Continual Basis*

While sound research should be the basis for all grant applications, the RFF will only support projects that directly enhance domestic production of ethanol and the efficient use of co-products. Grants will be awarded for up to \$75,000 annually, with viable projects qualifying for continued funding. [More Information](#) or (202) 289-3835.

### **Rockefeller Brothers Fund**

Rockefeller Brothers' program areas are Sustainable Development and Combating Global Warming. The fund supports advocacy to accelerate biofuels development as a means to combat global warming. An additional focus is on democratic practice to ensure that this transition is made in a sustainable and transparent way. Sustainable development accounted for



70% of RBF 2005 grant making, or nearly \$15.8 million. Over the next two years RBF will invest roughly \$500,000 in biofuels work. Average grant size in sustainable development is about \$63,000. [More Information](#)

**Rudolf Steiner Foundation** -- *Applications Received Year Round*

RSF Social Finance provides socially responsible investors, donors, for-benefit organizations, and social enterprises innovative investing, lending, and philanthropic services to promote environmental, social, and economic sustainability. When you join us, your investment, gift, or loan is leveraged to impact a broad spectrum of issues and to support projects that ensure a better future. [More Information](#)

**Skoll Foundation** -- *Applications Received Year Round*

The requests proposals for Social Entrepreneurship Awards, for social entrepreneurs whose work has the potential for large-scale influence on critical challenges of our time in the areas of environmental sustainability, health, tolerance and human rights, institutional responsibility, economic and social equity, peace and security. These awards provide later-stage funding, which is generally structured as a \$1 million award paid out over three year. In most cases, the grant is provided for core support to help organizations expand their programs and capacity to deliver long-term, sustainable equilibrium change. [More Information](#)

**Sparkplug Foundation** **Two grant Cycles Each Year**

The Sparkplug Foundation primarily supports start-up projects in music, education, and grassroots organizing. In the music category, the Foundation fosters the expansion of musical ideas by supporting new projects that promote original programming and new performers. In education, the Foundation supports projects that address class disparities in educational access. Through support of grassroots organizing, the Foundation encourages activist strategies for addressing institutional injustices and for building a reasoned, just society. In addition to these three categories, the Foundation is currently interested in supporting communities working in these areas: sustainable energy; Gulf Coast democracy, anti-racism, and economic justice; and secular community development. [More Information](#)

**Surdna Foundation** -- *Two-stage application process - letter of inquiry and full proposal upon request*

The foundation makes grants in the areas of environment, community revitalization, effective citizenry, the arts and the nonprofit sector, with annual grant making of approximately \$37 million [More Information](#)

**Turner Foundation**

The Turner Foundation provides funding for advocacy and policy work to advance energy efficiency and renewable energy. Geographic priorities include Georgia, Florida, South Carolina, Montana, and New Mexico, as well as some nationwide programs. \$800,000 for energy and climate, including about \$250,000 for biofuels. \$500,000 for air quality (much of this work relates to energy). [More information](#)

**United Nations Foundation/Better World Fund**

The United Nations Foundation and its sister organization, the Better World Fund, support the Energy Future Coalition to promote leadership on climate change and U.S. domestic energy policy. The Energy Future Coalition is a broad-based, nonpartisan alliance that seeks to bridge the differences among business, labor, and environmental leaders and to identify energy policy options with broad political support. The UN Foundation will provide about \$2 million to the Energy Future Coalition (EFC) in 2006. The UNF and the EFC will each spend an addition \$1

million on energy and climate, for a combined total of about \$4 million. UNF is spending about \$750,000 on international biofuels development. About \$250,000 of EFC's work is focused directly on biofuels, with much of the rest of the budget indirectly supporting biofuels as one of the leading renewable alternatives. [More Information](#)